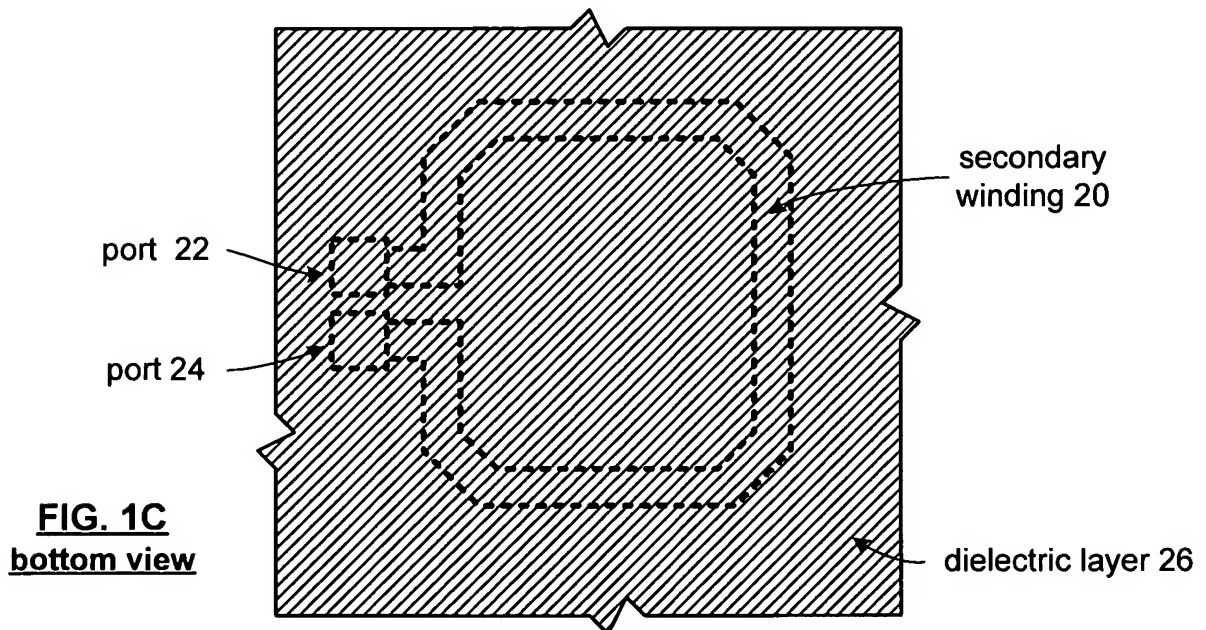
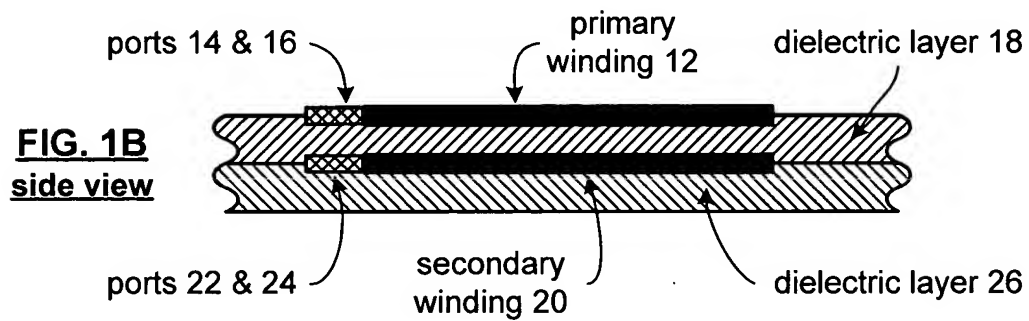
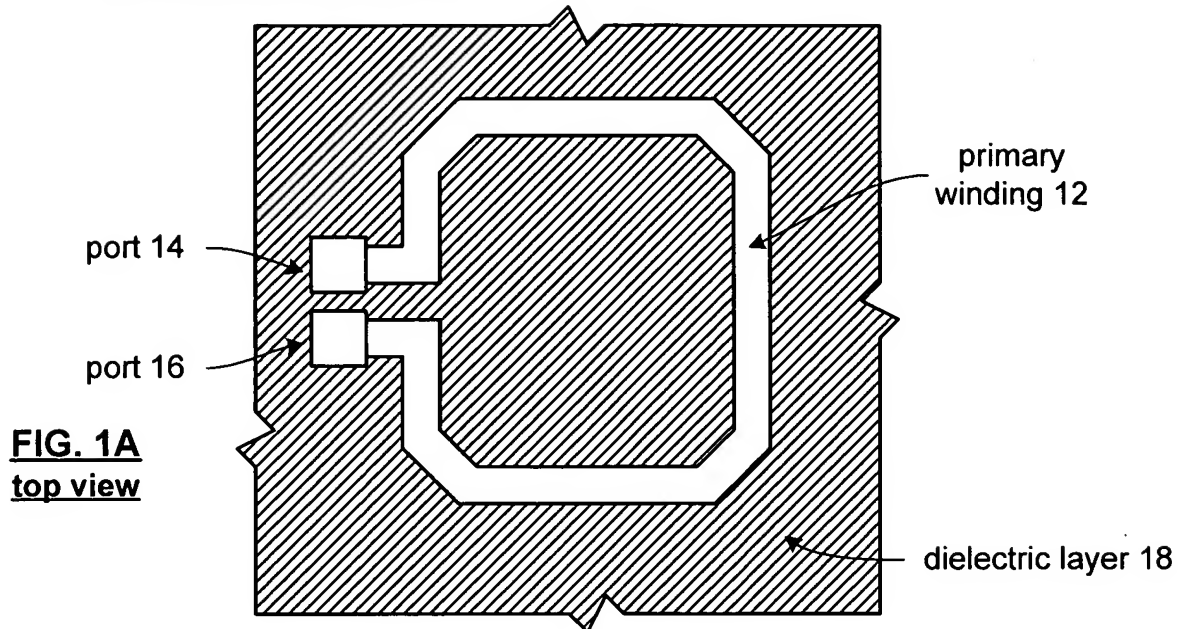


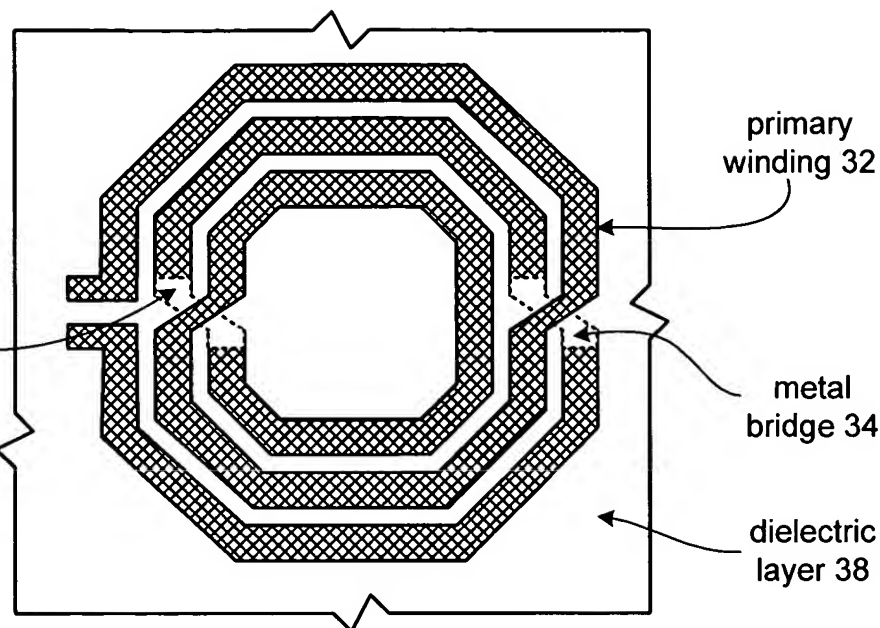
on-chip transformer 10



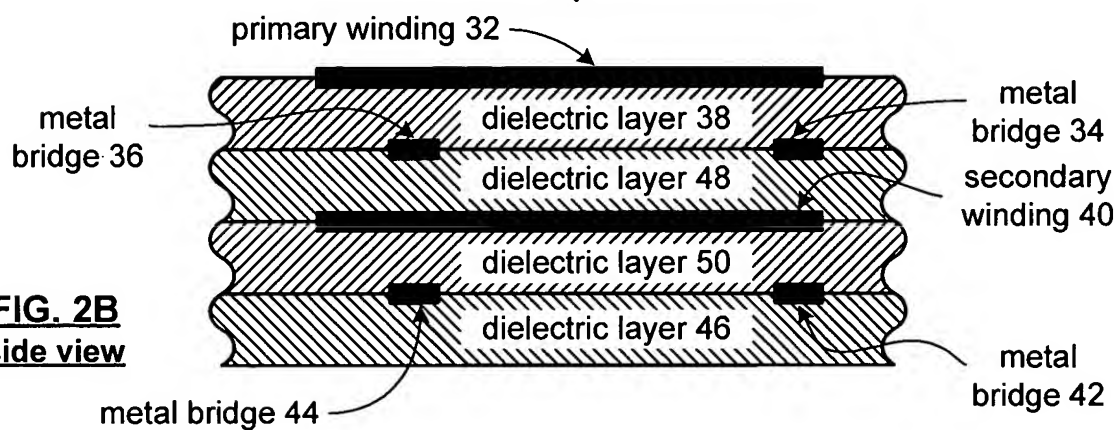
**on-chip  
transformer 30**

metal  
bridge 36

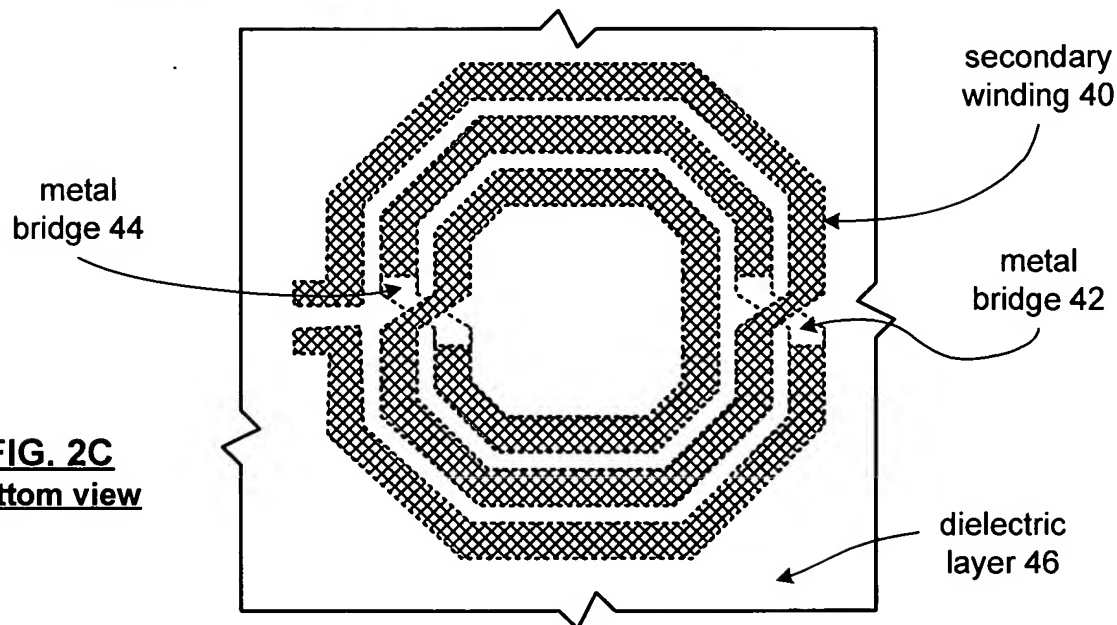
**FIG. 2A**  
**top view**

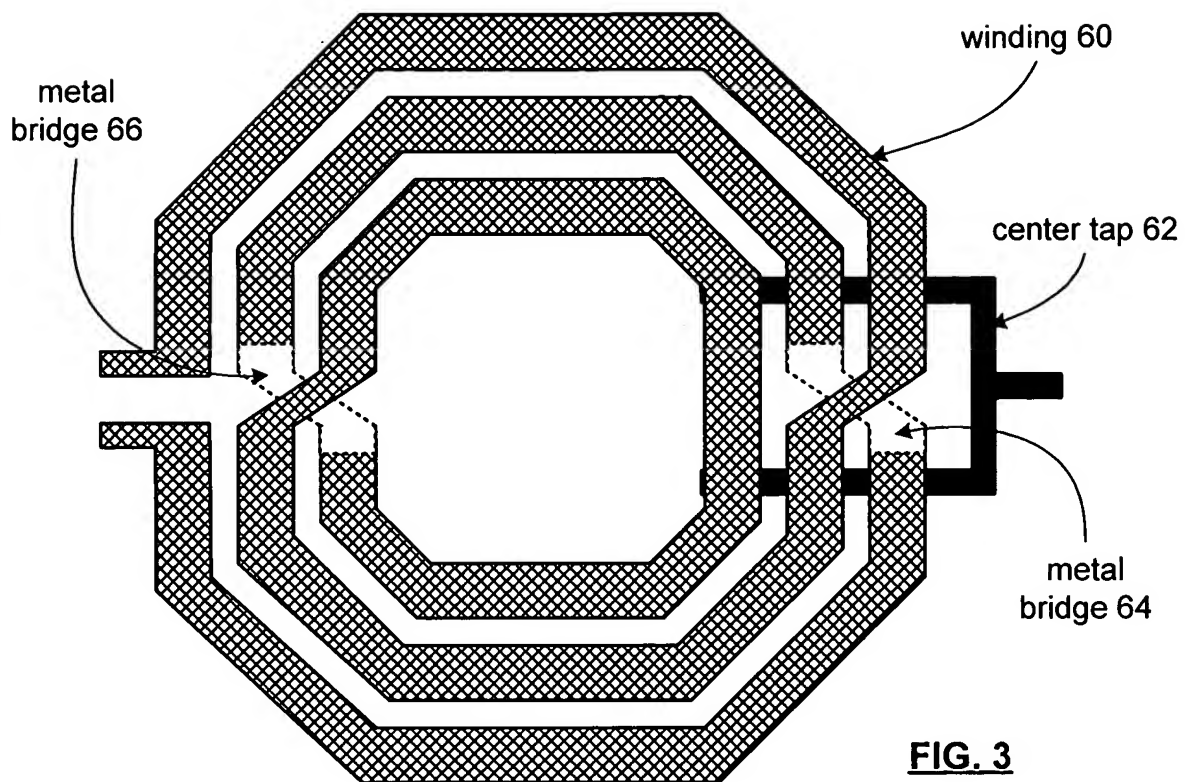


**FIG. 2B**  
**side view**

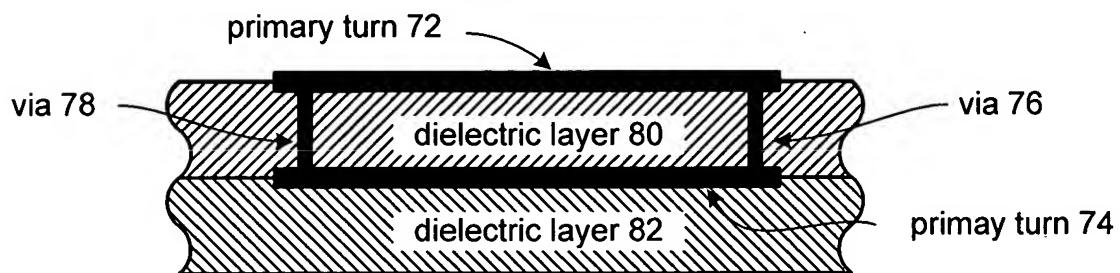


**FIG. 2C**  
**bottom view**



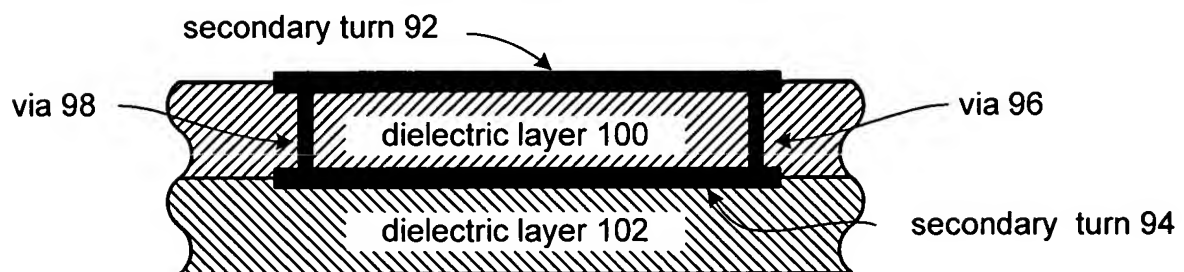


**FIG. 3**



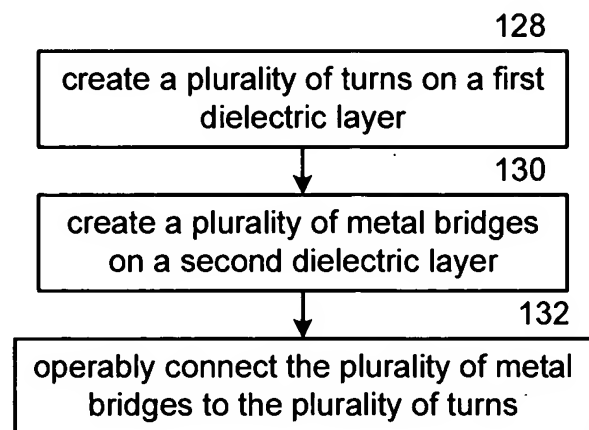
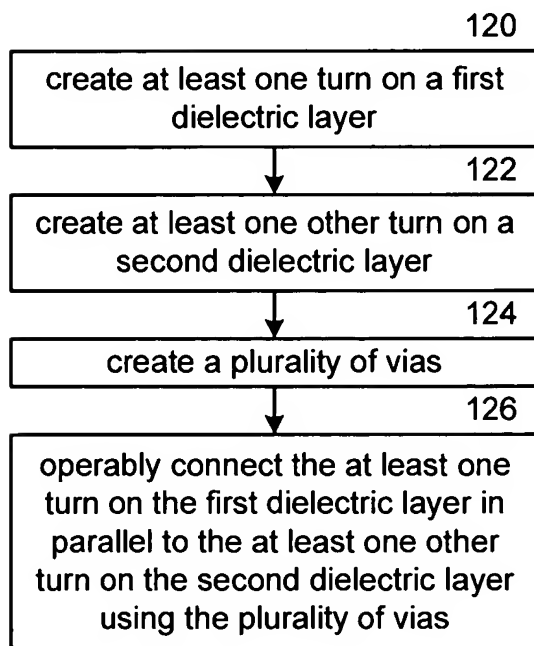
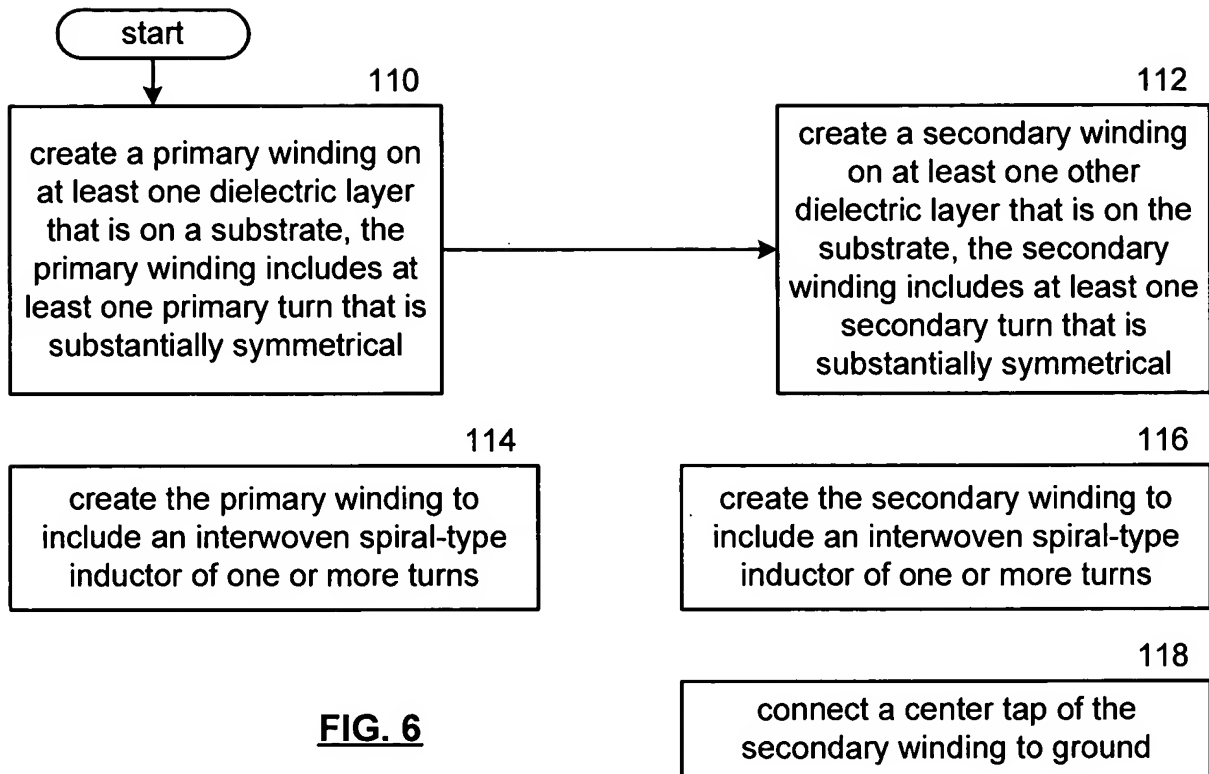
**FIG. 4**

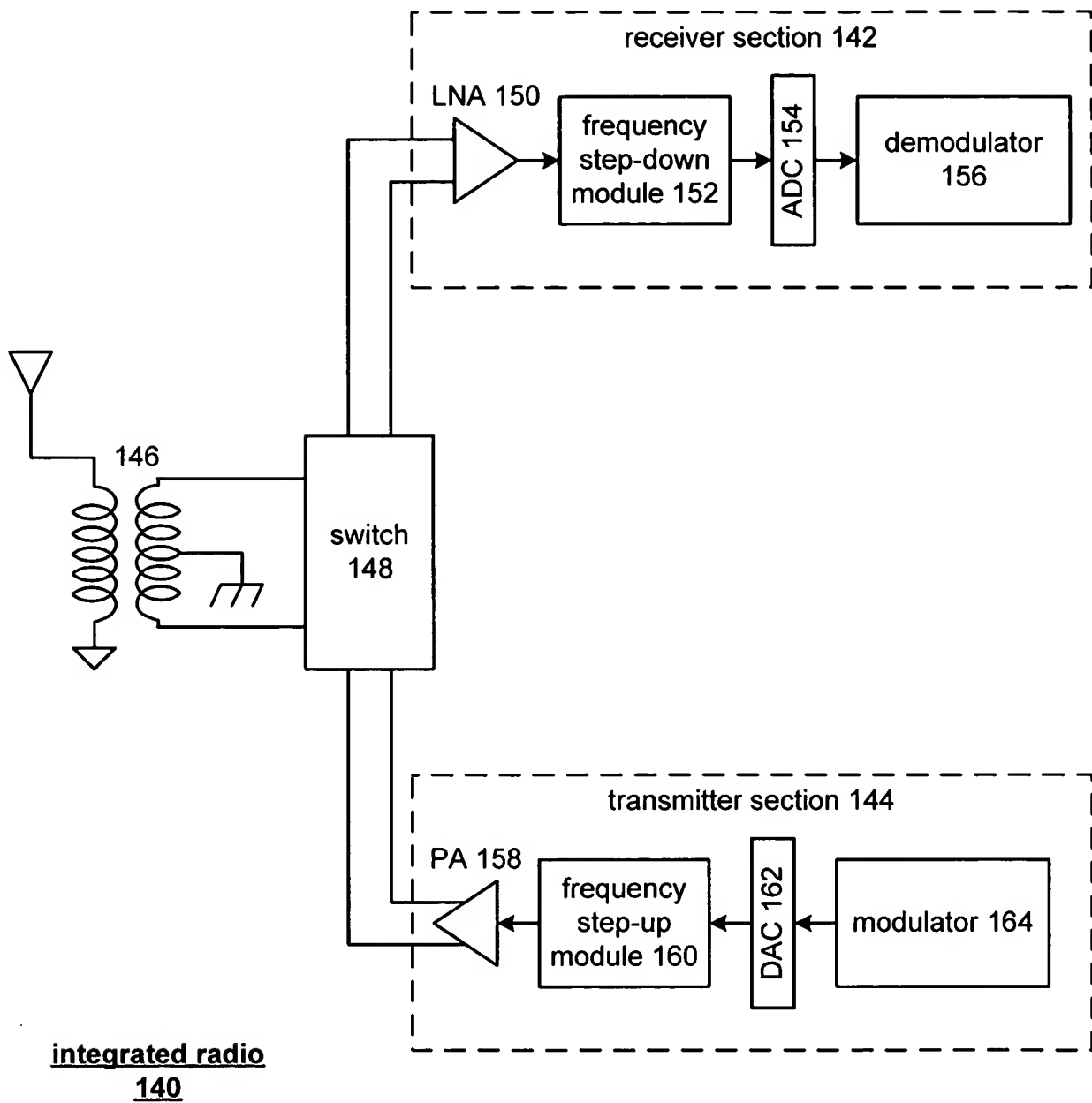
**primary winding 70**



**FIG. 5**

**secondary winding 90**





**FIG. 9**